

FORM PTO 1449 (modified)			ATTY DOCKET NO. 448563/0231		APPLICATION NO. 10/670,830 Cont. of 09/024,355			
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			APPLICANT Minoru Usui, et al.					
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			FILING DATE Concurrently Herewith		GROUP 2861 Not Yet Assigned			
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>mmj</i>		6,302,531	10/2001	Usui, et al.	347	86		
		6,010,211	1/2000	Betchson	—	—		
		6,000,780	12/1999	Iida	—	—		
		5,815,186	9/29/98	Pietrzyk	347	92		
		5,691,753	11/25/97	Hilton	347	85		
		5,477,963	12/26/95	Mochizuki, et al.	206	701		
		4,869,282	9/26/89	Sittler, et al.	137	15		
		4,677,447	6/30/87	Nielsen	347	87		
		4,628,576	12/16/86	Giachino, et al.	—	—		
		4,514,742	4/30/85	Suga, et al.	347	85		
<i>↓</i>		3,779,274	12/18/73	Kelly	137	505		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT	
<i>mmj</i>		0 709 207	5/1/96	EPO	—	—		
		0 336 307	10/11/89	EPO	—	—		
		0 112 701	7/4/84	EPO	—	—		
<i>↓</i>		2 391 405	12/15/78	France	—	—		
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER <i>S. Hatch</i>				DATE CONSIDERED 1-13-05				

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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
<i>ymt</i>		1 152 583	9/15/58	Germany			
		0 238 829	9/1987	EPO			
		195 45 775	6/1997	DE			
		55-146766	11/1980	Japan			
		1 268 227	9/23/60	France			
		0 116 466	8/1984	EPO			
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448563/0231APPLICATION NO.  
10/670,830

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>WMA</i>	2,526,019	10/17/1950	Fowler			
	3,270,771	9/6/1966	Morgan et al.			
	3,354,902	11/28/1967	Obermaier			
	3,779,274	12/18/1973	Kelly			
	3,941,149	3/2/1976	Mittleman			
	4,152,710	5/1/1979	Matsuba et al.			
	4,183,031	1/8/1980	Kyser et al.			
	4,514,742	4/30/1985	Suga et al.			
	4,520,369	5/28/1985	Shackleton			
	4,628,576	12/16/1986	Giachino et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
<i>WMA</i>	DE 1 009 870	6/30/1955	Germany			
	GB 751 289	6/27/1956	Great Britain			Eng. Orig.
	FR 1 145 605	10/28/1957	France			
	DE 1 852 284	11/30/1961	Germany			
	DE 1 550 194	8/28/1969	Germany			
	DE 2 230 642	12/28/1972	Germany			
	JP 56 013183	2/9/1981	Japan			w/ Eng. Abst.

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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<i>smh</i>	4,677,447	6/30/1987	Nielson			
	4,700,202	10/13/1987	Kuranishi et al.			
	4,869,282	9/26/1989	Sittler et al.			
	4,893,138	1/9/1990	Terasawa et al.			
	4,971,527	11/20/1990	Dick			
	5,039,997	8/13/1991	Pullen et al.			
	5,040,002	8/13/1991	Pollacek et al.			
	5,138,344	8/11/1992	Ujita			
	5,280,300	1/18/1994	Fong et al.			
	5,305,795	4/26/1994	Forberg			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
<i>smh</i>	JP 57 006777	1/13/1982	Japan			w/ Eng. Abst.
	JP 57 197176 A	12/3/1982	Japan			w/ Eng. Abst.
	JP 58 036457 A	3/3/1983	Japan			w/ Eng. Abst.
	DE 3 202 796 A1	8/4/1983	Germany			
	JP 59 176545	10/5/1984	Japan			
	GB 2 147 975	5/22/1985	Great Britain			Eng. Orig.
	JP 62 231759	10/12/1987	Japan			

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<i>G. Henshaw</i>	<i>1-13-05</i>

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>MMS</i>	5,343,226	8/30/1994	Niedermeyeyr et al.			
	5,367,328	11/22/1994	Erickson			
	5,388,615	2/14/1995	Edlund et al.			
	5,426,459	6/20/1995	Kaplinsky			
	5,453,772	9/26/1995	Aono et al.			
	5,477,963	12/26/1995	Mochizuki et al.			
	5,539,437	7/23/1996	Penwell			
	5,500,663	3/19/1996	Ujita et al.			
	5,646,664	7/8/1997	Pawlowski, Jr.			
<i>W</i>	5,653,251	8/5/1997	Handler			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
<i>MMS</i>	EP 0 339 770 A2	11/2/1989	EPO			Eng. Orig.
	JP 2 072271	3/12/1990	Japan			w/ Eng. Abst.
	JP 2 198862	8/7/1990	Japan			w/ Eng. Abst.
	EP 0 412 643 A1	2/13/1991	EPO			Eng. Orig.
	EP 0 424 133 A2	4/24/1991	EPO			Eng. Orig.
	JP 4 073158	3/9/1992	Japan			w/ Eng. Abst.
<i>W</i>	WO 92/12371	7/23/1992	Japan			Eng. Orig.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MMH	5,657,058	8/12/1997	Mochizuki et al.			
	5,691,753	11/25/1997	Hilton			
	5,736,992	4/7/1998	Pawlowski, Jr.			
	5,737,001	4/7/1998	Taylor			
	5,751,319	5/12/1998	Robertson et al.			
	5,777,646	7/7/1998	Barinaga et al.			
	5,796,419	8/18/1998	Clark et al.			
	5,815,185	9/29/1998	Pietrzyk			
	5,969,737	10/19/1999	Koyama et al.			
▼	6,000,788	12/14/1999	Iida			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
MMH	EP 0 509 686 A2	10/21/1992	EPO			Eng. Orig.
	JP 5 050609	3/2/1993	Japan			w/ Eng. Abst.
	EP 0 529 880 B1	3/3/1993	EPO			Eng. Orig.
	JP 5 162324 A	6/29/1993	Japan			w/ Eng. Abst.
	JP 5 201018	8/10/1993	Japan			w/ Eng. Abst.
	JP 5 229137	9/7/1993	Japan			w/ Eng. Abst.
▼	EP 0 562 717 A1	9/29/1993	EPO			Eng. Orig.

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<i>S. Suffield</i>	<i>1-13-03</i>

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>CMW</i>	6,130,696	10/10/2000	Mashita et al.			
	6,193,364	2/27/2001	Iida			
	6,238,042	5/29/2001	Kobayashi et al.			
	6,332,481	12/25/2001	Shinada et al.			
	6,383,436	5/7/2002	Nishimuro et al.			
	6,390,611	5/21/2002	Kobayashi et al.			
	6,416,152	7/9/2002	Matsuzaki et al.			
	6,422,691	7/23/2002	Kobayashi et al.			
	6,460,984	10/8/2002	Matsumoto et al.			
<i>▼</i>	6,550,901	4/22/2003	Iida			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
<i>MMT</i>	EP 0 631 874 A2	1/4/1995	EPO			Eng. Orig.
	JP 8 174860	7/9/1996	Japan			w/ Eng. Abst.
	EP 0 760 288 A1	3/5/1997	EPO			Eng. Orig.
	EP 0 794 059 A2	9/10/1997	EPO			Eng. Orig.
	JP 9 290514	11/11/1997	Japan			w/ Eng. Abst.
	EP 0 827 836 A1	3/11/1998	EPO			Eng. Orig.
<i>▼</i>	JP 10 086402	4/7/1998	Japan			w/ Eng. Abst.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MMAT	6,585,358	7/1/2003	Usui et al.			
	6,648,459	11/18/2003	Usui et al.			8/7/01
	6,666,551	12/23/2003	Kobayashi et al.			11/27/01
	2002/0089083	7/11/2002	Nishimuro et al.			
	2002/0109760	8/15/2002	Miyazawa et al.			
	2002/0135646	9/26/2002	Usui			
	2002/0154200	10/24/2002	Miyazawa et al.			
	2002/0158948	10/31/2002	Miyazawa et al.			
	2002/0171721	11/21/2002	Ota et al.			
	2002/0171722	11/21/2002	Hara et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
MMAT	JP 10 244685	9/14/1998	Japan			w/ Eng. Ahst.
	GB 2 323 332 A	9/23/1998	Great Britain			Eng. Orig.
	EP 0 879 702 A2	11/25/1998	EPO			Eng. Orig.
	JP 10 315504	12/2/1998	Japan			w/ Eng. Ahst.
	JP 11 058772	3/2/1999	Japan			w/ Eng. Ahst.
	EP 0 903 236 A2	3/24/1999	EPO			Eng. Orig.
MMAT	JP 11 091122	4/6/1999	Japan			w/ Eng. Ahst.

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<i>mmf</i>	2002/0171723	11/21/2002	Ota et al.			
	2002/0180849	12/5/2002	Sakai et al.			
	2003/0007043	1/9/2003	Ota et al.			
	2003/0058312	3/27/2003	Iida			
	2003/0058313	3/27/2003	Iida			
	2003/0085970	5/8/2003	Sakai et al.			
	2003/0103119	6/5/2003	Sakai et al.			
	2003/0107627	6/12/2003	Seino et al.			
	2003/0107629	6/12/2003	Kobayashi et al.			
	2003/0128261	7/10/2003	Usui et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
<i>mmf</i>	EP 0 919 384 A2	6/2/1999	EPO			Eng. Orig.
	JP 11 170558 A	6/29/1999	Japan			w/ Eng. Abst.
	JP 11 179932	7/6/1999	Japan			w/ Eng. Abst.
	EP 0 956 958 A2	11/17/1999	EPO			Eng. Orig.
	WO 00/03877 A1	1/27/2000	Japan			w/ Eng. Abst.
	EP 1 016 533 A1	7/5/2000	EPO			Eng. Orig.
	EP 1 125 747 A2	8/22/2001	EPO			Eng. Orig.

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<i>MMT</i>	2003/0146959	8/7/2003	Iida			
	2004/0051766	3/18/2004	Miyazawa et al.			2/14/03
	2004/0085415	5/6/2004	Kobayashi et al.			10/29/03
	09/525,477	3/15/2000	Miyazawa			
	10/778,766	2/13/2004	Miyazawa et al.			2/13/2004
	10/819,756	4/6/2004	Miyazawa			4/6/2004
<i>↓</i>	10/826,918	4/16/2004	Miyazawa et al.			4/16/2004

## FOREIGN PATENT DOCUMENTS

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<i>MMT</i>	JP 2001-270129	10/2/2001	Japan			w/ Eng. Abst.
	WO 01/78988 A1	10/25/2001	Japan			w/ Eng. Abst.
	JP 2002-103642	4/9/2002	Japan			w/ Eng. Abst.
	EP 1 199 178 A1	4/24/2002	EPO			Eng. Orig.
	EP 1 258 358 A1	11/20/2002	EPO			Eng. Orig.
<i>6</i>	EP 1 270 235 A1	1/2/2003	EPO			Eng. Orig.

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